

# Foreign Agricultural Service CAIN Papert

Global Agriculture Information Network

Required Report - public distribution

GAIN Report #CA2118

Date: 10/9/2002

# Canada

# **Fishery Products**

# Annual

2002

Approved by:
Gary C. Groves
U.S. Embassy
Prepared by:
George C. Myles

**Report Highlights:** Canada is the second most important export market for U.S. edible fish and seafood after Japan. U.S. fish and seafood sales to Canada during 2001 reached \$575 million and marked the fourth consecutive year that they captured a growing share of Canada's expanding import market for edible fish and seafood.

| Executive Summary   | . Page 3 |
|---|----------|
| Section I. Production   | . Page 5 |
| Landings By Species   | . Page 6 |
| Section II. Fish Product Production                                 | . Page 8 |
| Section III. Aquaculture Production                                 | . Page 9 |
| Section IV. Consumption   | Page 11  |
| Per Capita  | Page 11  |
| Section V. Trade  | Page 12  |
| Imports of Fish and Seafood   | Page 12  |
| Fish and Seafood Exports  | Page 13  |
| Section VI. Policy  | Page 14  |
| Dumping Investigation of Live Mussels from Canada Terminated        | _        |
| New Approach to Dealing With Foreign Vessels for NAFO Violations    | _        |
| Section VII. Export Promotion                                       | Page 14  |
| Program for Export Market Development                               | _        |
| Seafood Sector Reports  | _        |
| Fisheries and Oceans Export Directory                               |          |
| Section VII. Marketing  | Page 15  |
| Opportunities for U.S. Exporters                                    | •        |
| U.S. Fish and Seafood Exports; Highest Growth Rate Categories       | _        |
| List of Importers   | Page 18  |
| Summary of Regulatory Requirements for U.S. Fish Products in Canada | υ        |
|   | Page 18  |
| Section IX. Supply and Distribution and Trade Matrices              | Page 19  |
| Groundfish  | •        |
| Trade Matrices: Groundfish  | Page 20  |
| Groundfish Filets   | Page 22  |
|   | Page 25  |
| Trade Matrices: Flatfish  | Page 26  |
| Urchin Roe, Caviar, Liver   | Page 28  |
| Trade Matrices: Roe   | Page 29  |
| Salmon  | •        |
| Trade Matrices: Salmon  | Page 32  |

| Canned Salmon            | Page 34 |
|--------------------------|---------|
| Canned Salmon Production | Page 34 |
| Lobster                  | Page 37 |
| Trade Matrices: Lobster  | Page 38 |
|                          |         |
| Exchange Rates           | Page 39 |

#### **Executive Summary**

- \* Canada's total commercial fish and seafood catch during 2001 reached an estimated 1,030,666 metric tons, nearly 6% above the level of a year earlier. Most of the growth in the total catch was attributable to increased landings of groundfish, predominantly hake, shellfish increases, and higher farmed-raised production of salmon and mussels.
- \* In early 2002, the British Columbia government ended its moratorium on fish farm expansion that had been in effect since 1995.
- \* The B.C. Salmon Farmers Association estimates B.C. salmon farmers will invest C\$50-C\$60 million annually over the next 10 years and expand at the rate of about 10 new farms per year, which will roughly double the industry within a decade.
- \* In 2001, Canada was the second most important export market for U.S. edible fish and seafood after Japan and accounted for \$575 million in sales. The U.S. share of the Canadian import market for edible fish and seafood rose to 44% and marked the fourth consecutive year that U.S. fishery product exporters captured an increased share.
- \* U.S. exports of halibut/greenland turbot to Canada topped the list of U.S. fresh or frozen fish and seafood exports to Canada with an annual average growth rate of over 73% during the five year period 1997-2001.
- \* The U.S. processed fish and seafood items that registered the top growth rates in exports to Canada over the 1997-2001 period were prepared fish sticks, other prepared fish and fresh salmon. U.S. export growth levels were also strong for imitation seafood categories during the period.
- \* After slipping in 2000, total Canadian fish and seafood exports rose to 478,280 metric tons, up more than 11% a year earlier due mostly to higher sales of shellfish and fresh fish to the United States. In recent years, two-thirds of Canadian exports of fish and seafood have been destined for the U.S. domestic market.
- \* Canadian fish and seafood exports to Japan in 2002 may recover from recent lows, but they remain well below the 70,000 metric ton range exported to Japan during the mid-1990s. Japan is the number two market for Canadian fishery product exports.

#### Section I. Production

According to Fisheries and Oceans Canada, total Canadian commercial fish and seafood catch during 2001 reached an estimated 1,030,666 metric tons, nearly 6% above the level of a year earlier. Most of the growth in the total catch was attributable to increased landings of groundfish, predominantly hake. Additional increases were noted in shellfish landings with scallop, lobster and crab all advancing above 2000 levels. In addition, farm-raised production of salmon and mussels contributed to increased harvests from that sector during 2001.

| CANADA: FISH & SHELLFISH C           | OMMERCIAI      | L CATCH   |           |           |
|--------------------------------------|----------------|-----------|-----------|-----------|
| (includes aquaculture)               |                |           |           |           |
|                                      |                |           |           |           |
| Landings in Metric Tons, Live Weight | ,              |           |           |           |
|                                      |                |           |           |           |
| Species                              | 2000           | 2001      | 2002      | 2003      |
|                                      | Revised        | Prelim.   | Post      | Post      |
|                                      |                |           | Estimate  | Forecast  |
|                                      |                |           |           |           |
| Groundfish                           | 227,309        | 271,835   | 250,000   | 260000    |
|                                      |                |           |           |           |
| Pelag.&oth.finfish                   | 294,178        | 300,795   | 290,000   | 280000    |
|                                      |                |           |           |           |
| Shellfish                            | 434,129        | 440,695   | 460,000   | 485000    |
|                                      |                |           |           |           |
| SUBTOTAL SEA/SHELLFISH               | 955,616        | 1,013,325 | 1,000,000 | 1,025,000 |
|                                      |                |           |           |           |
| Other:                               |                |           |           |           |
| Marine Plants/Roe                    | 18,274         | 17,341    | 18,000    | 20,000    |
|                                      |                |           |           |           |
| SEA FISHERY TOTAL                    | 973,890        | 1,030,666 | 1,018,000 | 1,045,000 |
|                                      |                |           |           |           |
| Source: Dept. of Fish.& Oceans and   | post estimates | Т         |           |           |
| catch01.wk4                          |                |           |           |           |

# Landings By Species

The following is a summary of the most recent available data on Canadian commercial landings as published by Fisheries and Oceans Canada.

| (metric tonnes, live weight) |                |          |         |
|------------------------------|----------------|----------|---------|
| , ,                          | Total          | British  | Total   |
|                              | Atlantic Coast | Columbia | Canada  |
| Groundfish                   |                |          |         |
| Cod                          | 40,325         | 473      | 40,798  |
| Haddock                      | 15,594         | 0        | 15,594  |
| Redfish                      | 19,710         | 21,558   | 41,268  |
| Halibut                      | 1,646          | 4,505    | 6,151   |
| Flatfishes                   | 25,115         | 5,517    | 30,632  |
| Greenland turbot             | 13,814         | 8,251    | 22,065  |
| Pollock                      | 7,189          | 1,747    | 8,936   |
| Hake                         | 22,957         | 61,016   | 83,973  |
| Cusk                         | 1,498          | 0        | 1,498   |
| Catfish                      | 578            | 0        | 578     |
| Skate                        | 2,625          | 1,545    | 4,170   |
| Dogfish                      | 3,760          | 4,287    | 8,047   |
| Other                        | 2,791          | 5,333    | 8,124   |
| Total Groundfish             | 157,603        | 114,232  | 271,835 |
| Pelagic & other finfish      |                |          |         |
| Herring                      | 199,295        | 24,189   | 223,484 |
| Mackerel                     | 24,488         | 3 20     | 24,508  |
| Swordfish                    | 1,079          | 0        | 1,079   |
| Tuna                         | 929            | 3,061    | 3,990   |
| Alewife                      | 2,790          | 0        | 2,790   |
| Eel                          | 220            | 0        | 220     |
| Salmon                       | 0              | 22,916   | 22,916  |
| Smelt                        | 308            | 0        | 308     |
| Capelin                      | 19,746         | 0        | 19,746  |
| Other                        | 1,522          | 233      | 1,755   |

| Total Pelagic                | 250,376        | 50,419   | 300,795   |
|------------------------------|----------------|----------|-----------|
|                              |                |          | continued |
| 2001 COMMERCIAL LANDINGS     | , continued    |          |           |
| (metric tonnes, live weight) |                |          |           |
|                              | Total          | British  | Total     |
|                              | Atlantic Coast | Columbia | Canada    |
| Shellfish                    |                |          |           |
| Clams/quahaugs               | 26,909         | 2,526    | 29,435    |
| Oyster                       | 3,009          | 0        | 3,009     |
| Scallop (1)                  | 90,542         | 39       | 90,581    |
| Squid                        | 65             | 10       | 75        |
| Mussel                       | 11,829         | 0        | 11,829    |
| Lobster                      | 51,412         | 0        | 51,412    |
| Shrimp                       | 125,561        | 4,212    | 129,773   |
| Crab, Queen                  | 95,299         | 0        | 95,299    |
| Crab, Other                  | 12,273         | 5,685    | 17,958    |
| Sea urchin                   | 2,775          | 4,285    | 7,060     |
| Other                        | 3,395          | 878      | 4,273     |
| Total Shellfish              | 423,070        | 17,625   | 440,695   |
| Subtotal Seafish/shellfish   | 831,049        | 182,276  | 1,013,325 |
| Other                        |                |          |           |
| Marine plants                | 14,932         | 0        | 14,932    |
| Lumpfish roe                 | 937            | 0        | 937       |
| Miscellaneous                | 1,024          | 448      | 1,472     |
| Total Other                  | 16,893         | 448      | 17,341    |
| GRAND TOTAL                  | 847,942        | 182,724  | 1,030,666 |
| Source: Fisheries & Oceans   |                |          |           |

#### Section II. Fish Product Production

Statistics Canada reports Canadian fishery product production on an annual basis. The most recent data (below) show a trend to increased shellfish production versus declines in most other categories. The figures below include production from both Canadian catch and foreign catch delivered to Canadian fish processors.

| CANADA: Fishery Produ     | ct Production, By Type |         |          |          |
|---------------------------|------------------------|---------|----------|----------|
|                           |                        |         |          |          |
| Units: metric tons        |                        |         |          |          |
|                           | 1999                   | 2000    | 2001     | 2002     |
|                           | revised                |         | estimate | forecast |
| Seafish                   |                        |         |          |          |
| -Fresh & Frozen           | 180,130                | 159,900 | 150,000  | 150,000  |
|                           |                        |         |          |          |
| -Processed                | 77,200                 | 68,510  | 65,000   | 60,000   |
|                           |                        |         |          |          |
| Shellfish                 | 74,140                 | 80,910  | 85,000   | 90,000   |
|                           |                        |         |          |          |
| Freshwater Fish           | 20,360                 | 20,500  | 21,000   | 21,500   |
| TOTALS                    | 351,830                | 329,820 | 321,000  | 321,500  |
| TOTALA                    | 331,030                | 327,020 | 321,000  | 321,300  |
| Source: Statistics Canada | & Post estimates       | I       |          |          |

#### Section III. Aquaculture Production

In early 2002, the British Columbia government announced that new, comprehensive environmental standards and practices will allow for the managed expansion of the salmon aquaculture industry in British Columbia thus ending a moratorium on fish farms in effect since 1995 (see CA2014). Following a two-year comprehensive study of the salmon aquaculture industry, B.C.'s Environmental Assessment Office recommended proceeding with fish farm expansion. The province is implementing new standards to address escapes, fish health, siting, etc. The B.C. Salmon Farmers Association estimates B.C. salmon farmers will invest C\$50-C\$60 million annually over the next 10 years and expand at the rate of about 10 new farms per year, which will roughly double the industry within a decade.

| Canada: Aquaculture Produc                                     | ction    |         |          |          |
|--|----------|---------|----------|----------|
|  |          |         |          |          |
| Units: metric tons   |          |         | Post     | Post     |
|  | Revised  | Prelim. | Estimate | Forecast |
|  | 1999     | 2000    | 2001     | 2002     |
| FINFISH  |          |         |          |          |
| Salmon   | 72,890   | 78,495  | 85,000   | 90,000   |
| Trout  | 6,581    | 6,407   | 6,000    | 6,500    |
| Steelhead  | 6,002    | 5,523   | 5,000    | 5,000    |
| Other  | 595      | 694     | 700      | 750      |
| Subtotal*  | 86,150   | 91,195  | 96,700   | 102,250  |
| SHELLFISH  |          |         |          |          |
| Manila Clams   | 800      | 1,000   | 1,100    | 1,200    |
| Oysters  | 8,785    | 10,024  | 12,000   | 12,500   |
| Mussels  | 17,397   | 21,287  | 25,000   | 22,000   |
| Scallops   | 55       | 59      | 60       | 70       |
| Other  | 41       | 359     | 350      | 400      |
| Subtotal*  | 27,078   | 32,729  | 38,510   | 36,170   |
| TOTAL  | 113,228  | 123,924 | 135,210  | 138,420  |
| *Includes data deemed confident that would disclose proprietar | <u> </u> |         |          |          |

| if categorized            |  |  |
|---------------------------|--|--|
| Source: Statistics Canada |  |  |

Section IV. Consumption

Total Canadian per capita fish and seafood consumption levels, which showed steady gains in the late 1990s, dipped slightly during 2000 according to Statistics Canada. However, shellfish and freshwater fish consumption continued an upward trend reflecting in part, immigrant concentrations from regions of the world with relatively high fish and seafood consumption and wider choices of fish and seafood in the restaurant and foodservice sector. Fish is included in Health Canada's Food Guide to Healthy Eating.

#### Per Capita

| CANADA: Fish & Seafood Per C | Capita Consu | mption |      |       |      |
|------------------------------|--------------|--------|------|-------|------|
|                              |              |        |      |       |      |
| (kilograms, edible weight)   |              |        |      |       |      |
|                              | 1996         | 1997   | 1998 | 1999  | 2000 |
| Seafish                      |              |        |      |       |      |
| Fresh & Frozen               | 4.49         | 4.29   | 4.01 | 4.81  | 4.24 |
| Processed                    | 1.97         | 2.26   | 2.38 | 2.49  | 2.19 |
| Shellfish                    | 1.65         | 1.86   | 2.10 | 2.29  | 2.37 |
| Freshwater Fish*             | 0.30         | 0.36   | 0.32 | 0.42  | 0.52 |
| Total                        | 8.41         | 8.77   | 8.81 | 10.01 | 9.32 |
| *revised series              |              |        |      |       |      |
| Source: Statistics Canada    |              |        |      |       |      |

#### Section V. Trade

#### Imports of Fish and Seafood

For the fourth consecutive year, U.S. fish and seafood exporters during 2001 captured a greater share of the Canadian import market for edible fish and seafood. In 2001, U.S. market share increased to 44%, averaging a 1% per year gain since 1998. Thailand and China were the next most important suppliers to Canada with market shares of 11% and 6% respectively. In 2001, Canada was the second most important export market for U.S. edible fish and seafood after Japan.

|                                | Canadian Fish & Seafood Imports       |         |         |  |          |          |
|--------------------------------|---------------------------------------|---------|---------|--|----------|----------|
| 1999-2001 Calenda              | ar Years                              |         |         |  |          |          |
| Jan - July 2001 & 2            | 2002 Comparis                         | sons    |         |  |          |          |
| Units: metric tons             | •                                     |         |         |  |          |          |
|                                |                                       |         |         | Jan-July   | Jan-July | % change |
|                                | 1999                                  | 2000    | 2001    | 2001   | 2002     | 02/'01   |
| The World                      | 326,154                               | 339,027 | 352,170 | 185,265  | 194,577  | 5%       |
| United States                  | 138,389                               | 147,472 | 156,223 | 80,303   | 77,963   | -3%      |
| Thailand                       | 37,574                                | 34,669  | 39,033  | 20,239   | 22,754   | 12%      |
| China                          | 16,910                                | 18,561  | 21,263  | 12,618   | 13,284   | 5%       |
| Norway                         | 15,764                                | 17,375  | 20,293  | 9,721  | 10,188   | 5%       |
| Russia                         | 23,823                                | 17,335  | 15,962  | 10,268   | 14,153   | 38%      |
| Faroe Islands                  | 10,631                                | 8,669   | 11,673  | 6,262  | 2,833    | -55%     |
| Estonia                        | 8,522                                 | 12,404  | 10,355  | 4,076  | 3,026    | -26%     |
| Iceland                        | 12,177                                | 13,633  | 8,687   | 4,021  | 4,714    | 17%      |
| Taiwan                         | 5,791                                 | 9,295   | 6,557   | 3,694  | 3,651    | -1%      |
| Argentina                      | 1,195                                 | 1,411   | 4,817   | 4,284  | 1,518    | -65%     |
| Chile                          | 2,561                                 | 3,806   | 4,461   | 2,210  | 3,461    | 57%      |
| All Others                     | 52,817                                | 54,397  | 52,845  | 27,568   | 37,034   | 34%      |
| U.S. Share                     | 42%                                   | 43%     | 44%     | 43%  | 40%      |          |
| HS Codes:                      |                                       |         |         |  |          |          |
|                                | Live Trout                            |         |         | Fish Fillets;Other Fish, Fresh or Chilled                  |          |          |
|                                | Live Eels                             |         |         | Fish, Dried, Salted, Smoked, etc.                          |          |          |
|                                | Live Carp                             |         |         | Crustaceans, Live, Cooked, Fresh, etc.                     |          |          |
|                                | Fish, Live, nes<br>Fish, Fresh or Chi | illed   |         | Molluscs & Aqua Invertebrates                              |          |          |
|                                | Fish, Frozen                          | incu    |         | 1603 Fish, extracts, etc. 1604 Fish, Preserved or Prepared |          |          |
| Note: Excludes ornamental fish |                                       |         |         | ,  |          |          |

| Source: World Trade Atlas |  |  |  |  |
|---------------------------|--|--|--|--|
|---------------------------|--|--|--|--|

#### Fish and Seafood Exports

After slipping in 2000, total Canadian fish and seafood exports rose to 478,280 metric tons, up more than 11% a year earlier due mostly to higher volumes of shellfish and fresh fish to the United States. The trend continued in the first half of 2002 with Canadian exports to its most important markets, the U.S. and Japan, up 9% and 23% respectively from levels during the first six months of 2001. Canadian fish and seafood exports to Japan in 2002 may recover to their 1999 level of 50,075 metric tons, but they remain well below the export levels to Japan during the mid-1990s of more than 70,000 metric tons. In recent years, two-thirds of Canadian exports of fish and seafood have been destined for the U.S. domestic market.

|                     | Canadian Fish & Seafood Exports |         |         |          |          |          |  |
|---------------------|---------------------------------|---------|---------|----------|----------|----------|--|
| 1999-2001 Calenda   | ar Years                        |         |         | _        |          |          |  |
| Jan - July 2001 & 2 | 2002 Compariso                  | ons     |         |          |          |          |  |
| Units: metric tons  |                                 |         |         |          |          |          |  |
|                     |                                 |         |         | Jan-July | Jan-July | % change |  |
|                     | 1999                            | 2000    | 2001    | 2001     | 2002     | 02/'01   |  |
| The World           | 443,810                         | 430,205 | 478,280 | 273,566  | 309,881  | 13%      |  |
| United States       | 289,487                         | 292,641 | 314,211 | 182,035  | 199,115  | 9%       |  |
| Japan               | 50,075                          | 44,257  | 39,705  | 24,315   | 29,787   | 23%      |  |
| China               | 11,763                          | 13,703  | 17,510  | 9,321    | 18,755   | 101%     |  |
| Denmark             | 12,160                          | 11,276  | 12,669  | 8,710    | 9,363    | 7%       |  |
| Dominican Rep.      | 8,519                           | 7,324   | 10,626  | 6,903    | 8,367    | 21%      |  |
| Korea, South        | 2,665                           | 3,041   | 6,551   | 2,293    | 5,375    | 134%     |  |
| Iceland             | 1,055                           | 58      | 29      | 5        | 5,299    | +100%    |  |
| Germany             | 10,867                          | 7,045   | 12,209  | 7,461    | 3,730    | -50%     |  |
| France              | 5,574                           | 4,800   | 6,851   | 3,307    | 3,705    | 12%      |  |
| United Kingdom      | 8,289                           | 7,898   | 9,077   | 4,167    | 3,492    | -16%     |  |
| All Others          | 43,355                          | 38,162  | 48,842  | 25,048   | 22,893   | -9%      |  |
| % share to U.S.     | 65%                             | 68%     | 66%     | 67%      | 64%      |          |  |
| HS Codes; 03; 160   | )4; 1605                        |         |         |          |          |          |  |
|                     |                                 |         |         |          |          | ]        |  |

Source: World Trade Atlas

Section VI. Policy

Dumping Investigation of Live Mussels from Canada Terminated

On January 30, 2002 the Department of Commerce (DOC) published a notice in the Federal Register stating that it had received a request from the petitioner withdrawing its petition and was therefore terminating its anti-dumping investigation on live processed blue mussels from Canada. The original petition was filed March 12, 2001, by Great Eastern Mussel Farms Inc., of Maine and an anti-dumping investigation was initiated by the DOC on April 6, 2001. On October 12, 2001, the Department of Commerce announced its preliminary determination in the anti-dumping investigation into imports of processed mussels from Prince Edward Island. The DOC found that two of the four largest exporters of processed blue mussels from Canada had sold their product below fair value and would face anti-dumping duties of 3.48% and 4.7%. The other two major exporters were assessed zero duty. All other exporters were assessed a 4.33% duty. On January 7, 2002 Great Eastern withdrew its petition citing improved market conditions.

Canada Announces New Approach to Dealing With Foreign Vessels for Serious Violations of NAFO Measures

On September 27, 2002, Fisheries and Oceans Canada announced a new approach where Canada will close its ports to foreign fishing vessels (by denying access licences to ports) that are believed to have committed serious violations of conservation and enforcement measures set by the Northwest Atlantic Fisheries Organization (NAFO). The decision to deny a licence for access to Canadian ports will be based on evidence gathered from all available information including at-sea or port inspections, surveillance positional data, and observer reports. The violations considered serious enough to take this action include: misreporting of catch, by area or species; fishing after a closure; directed fishing of a species under moratorium; exceeding allocations; improper use of fishing gear; failure to maintain independent and impartial observer coverage at all times while fishing in the NAFO Regulatory Area; and interference with a NAFO inspector, observer or evidence. In the past, Canada has closed its ports to the fleets of nations that do not control their vessels sufficiently to ensure their compliance with NAFO conservation

measures. The new approach will focus on individual vessels as well. According to F&O, there has been an increasing trend of non-compliance by foreign fishing vessels in the NAFO Regulatory Area during the past three years. These violations of the NAFO rules concern Canada because they threaten the conservation of the NAFO-managed stocks, and in particular, the important straddling stocks which also occur in Canadian waters.

Section VII. Export Promotion

Program for Export Market Development

The Program for Export Market Development (PEMD) is the Canadian government's cornerstone international business development program. Since its inception in 1971, PEMD has assisted over 29,000 Canadian businesses (all sectors) in marketing their products and services abroad. The GOC only discloses PEMD support by aggregate industry sectors (i.e., manufacturing, construction, with agriculture grouped with mining and forestry). Post estimates fish industry PEMD funding at under C\$500,000 annually. In addition, post estimates private industry contributions to fish and seafood export promotion at about \$C1.0 million.

Specifically, the PEMD objective is to increase export sales of Canadian goods and services by sharing the costs of activities that companies normally could not or would not undertake alone, thereby reducing risks involved in entering a foreign market.

Through a partnership-like relationship between government and business, the program encourages a long-term focus on target markets with built-in flexibility to respond to changing market conditions.

The PEMD program is comprised of four major elements: Market Development Strategies (MDS), New-to-Exporting Companies, Capital Projects Bidding and Trade Association Activities. Background information and the PEMD annual report is available at:http://www.infoexport.gc.ca/pemd-e.asp

#### Seafood Sector Reports

Canada's Trade Commissioners at overseas posts have prepared Seafood Market reports, by sector, for the world's major geographic regions. They are made available to Canadian fish exporters at: http://www.infoexport.gc.ca/ie-en/IndustrySector.jsp

Fisheries and Oceans Export Directory

The federal Department of Fisheries and Oceans is in the process of constructing a Canadian Exporters List for their website: http://www.dfo-mpo.gc.ca/home-accueil\_e.htm

Section VII. Marketing

Opportunities for U.S. Exporters

Canada is the second most important market for U.S. edible fish and seafood exports, after Japan. The

United States accounted for 44% of total Canadian imports of edible fish and seafood during 2001. The second most important supplier to Canada was Thailand with an 11% share of the Canadian fish and seafood market.

#### U.S. Fish and Seafood Exports; Highest Growth Rate Categories

U.S. exports of halibut/greenland turbot to Canada tops the list of U.S. fresh or frozen fish and seafood exports to Canada with an annual average growth rate of over 73% during the five year period 1997-2001. Post has constructed the following table to show other high growth rate categories (those above 10%) for U.S. fish and seafood sales to Canada during the period.

| ,                                 |  |                    |                           |                                  |   |  |  |  |  |  |  |
|---|--|--------------------|---------------------------|----------------------------------|---|--|--|--|--|--|--|
| U.S. Fish and Seafood Exports to Canada; Highest Growth Rate Categories |  |                    |                           |                                  |   |  |  |  |  |  |  |
| 001   |  |                    |                           |                                  |   |  |  |  |  |  |  |
| nilled, or Frozen   |  |                    |                           |                                  |   |  |  |  |  |  |  |
| etric tons  |  |                    |                           |                                  |   |  |  |  |  |  |  |
|   |  |                    |                           |                                  |   | AAGR*  |  |  |  |  |  |
| Description   | 1997   | 1998               | 1999                      | 2000                             | 2001                                    | <b>'</b> 97-01                                 |  |  |  |  |  |
|   |  |                    |                           |                                  |   |  |  |  |  |  |  |
| HALIBUT/GREENLAND<br>TURBOT   | 391  | 3,484              | 4,049                     | 4,021                            | 6,075                                   | 73.1%  |  |  |  |  |  |
| LONGFINNED TUNAS  | 101  | 886                | 459                       | 763                              | 1,300                                   | 66.8%  |  |  |  |  |  |
| YELLOWFIN TUNA  | 12   | 26                 | 72                        | 96                               | 142                                     | 62.7%  |  |  |  |  |  |
| SARDINES  | 33   | 59                 | 61                        | 42                               | 158                                     | 36.4%  |  |  |  |  |  |
| FRESH NOT STEAKS  | 917  | 1,383              | 2,355                     | 3,277                            | 4,215                                   | 35.7%  |  |  |  |  |  |
| FISH LIVERS,ROES  | 30   | 97                 | 128                       | 95                               | 126                                     | 32.9%  |  |  |  |  |  |
| ATLANTIC POLLOCK  | 111  | 115                | 460                       | 1,162                            | 409                                     | 29.8%  |  |  |  |  |  |
| OTHERCRUST.,FRZN  | 5  | 30                 | 60                        | 31                               | 16                                      | 26.4%  |  |  |  |  |  |
| SARDINES,N LIVR/ROE   | 21   | 45                 | 50                        | 31                               | 66                                      | 26.2%  |  |  |  |  |  |
| EELS  | 14   | 70                 | 16                        | 15                               | 41                                      | 24.1%  |  |  |  |  |  |
| OTHER SALMON  | 19   | 21                 | 19                        | 38                               | 53                                      | 22.5%  |  |  |  |  |  |
| OTHER SALMON  | 93   | 52                 | 178                       | 251                              | 249                                     | 21.8%  |  |  |  |  |  |
| OTHER 0304  | 4,071  | 4,386              | 4,654                     | 6,371                            | 10,414                                  | 20.7%  |  |  |  |  |  |
| YELLOWFIN TUNAS   | 51   | 99                 | 214                       | 127                              | 118                                     | 18.3%  |  |  |  |  |  |
| FRZN LOBSTER+SHELL  | 120  | 197                | 277                       | 207                              | 271                                     | 17.7%  |  |  |  |  |  |
| COD,NOT LIVERS/ROES   | 938  | 652                | 866                       | 1,205                            | 2,044                                   | 16.8%  |  |  |  |  |  |
| SCALLOP LIVE,FR/CHL   | 443  | 521                | 671                       | 921                              | 841                                     | 13.7%  |  |  |  |  |  |
| HERRINGS,N LIVR/ROE   | 3,027  | 862                | 2,130                     | 2,824                            | 5,338                                   | 12.0%  |  |  |  |  |  |
| COD, NT DRIED,SMOKE   | 1,205  | 1,527              | 1,398                     | 1,276                            | 2,091                                   | 11.7%  |  |  |  |  |  |
| OYSTERS   | 721  | 710                | 746                       | 787                              | 1,217                                   | 11.0%  |  |  |  |  |  |
| COD   | 5,158  | 7,341              | 6,587                     | 8,186                            | 8,406                                   | 10.3%  |  |  |  |  |  |
| SALMONAT,PA,DAN   | 10,430   | 14,421             | 19,111                    | 22,723                           | 16,935                                  | 10.2%  |  |  |  |  |  |
|   | illed, or Frozen etric tons  Description  HALIBUT/GREENLAND TURBOT LONGFINNED TUNAS YELLOWFIN TUNA SARDINES FRESH NOT STEAKS FISH LIVERS,ROES ATLANTIC POLLOCK OTHERCRUST.,FRZN SARDINES,N LIVR/ROE EELS OTHER SALMON OTHER SALMON OTHER 0304 YELLOWFIN TUNAS FRZN LOBSTER+SHELL COD,NOT LIVERS/ROES SCALLOP LIVE,FR/CHL HERRINGS,N LIVR/ROE COD, NT DRIED,SMOKE OYSTERS COD | Description   1997 | Description   1997   1998 | Description   1997   1998   1999 | Description   1997   1998   1999   2000 | Description   1997   1998   1999   2000   2001 |  |  |  |  |  |

#### \* Average Annual Growth Rate

Source: Derived from World Trade Atlas data

The following table shows the U.S. processed fish and seafood items that achieved the top growth rates in exports to Canada over the 1997-2001 period. Prepared fish sticks, other prepared fish and salmon were the top growth categories. U.S. exports were also strong for imitation seafood categories during the period.

| HS             | Description  | mt     | mt     | mt     | mt     | mt     | AAGR   |
|----------------|--|--------|--------|--------|--------|--------|--------|
|                | United States  | 1997   | 1998   | 1999   | 2000   | 2001   |        |
|                |  |        |        |        |        |        |        |
|                | 1604 FISH AND CAVIAR                                 | 18,276 | 18,698 | 20,419 | 20,826 | 25,845 | 7.2%   |
| 160400000<br>0 | Fishstick & sim prod,any size/sh,fillets/o portion   | 9      | 485    | 814    | 738    | 1,025  | 157.1% |
| 160420908<br>0 | Fish, nes, pre-cooked, frozen                        | 22     | 323    | 366    | 281    | 2,375  | 154.7% |
| 160411002<br>9 | Salmon, not in oil, in cans or glass                 | 481    | 897    | 2,027  | 2,960  | 7,153  | 71.6%  |
| 160420200<br>0 | Gefilte fish, prepared or preserved                  | 5      | 15     | 10     | 25     | 31     | 42.0%  |
| 160420100<br>0 | Prepared meals of fish                               | 66     | 51     | 39     | 197    | 323    | 37.4%  |
| 160412101<br>0 | Herring fillets, pickled                             | 0      | 0      | 0      | 0      | 0      | 34.2%  |
| 160430001<br>0 | Caviar   | 2      | 2      | 2      | 2      | 8      | 30.4%  |
| 160420902<br>1 | Imitation seafood, pre-cooked, fresh                 | 932    | 1,055  | 998    | 1,907  | 2,584  | 22.6%  |
| 160420901<br>0 | Fish paste   | 14     | 95     | 26     | 32     | 37     | 22.3%  |
| 160411009<br>0 | Salmon,o/t in cans/glass jars,<br>prepr/presvd,whole | 295    | 415    | 239    | 105    | 774    | 21.3%  |
| 160415001<br>0 | Mackerel, in cans or glass jars, whole or pce, exc   | 0      | 1      | 1      | 3      | 1      | 19.0%  |
| 160411002<br>2 | Coho salmon,not in oil, in cans or glass jars,       | 76     | 189    | 98     | 153    | 149    | 14.5%  |
| 160411002<br>4 | Sockeye salmon,not in oil, in cans or glass jars,    | 2,431  | 2,232  | 2,612  | 3,819  | 4,379  | 12.5%  |
| 160420902<br>2 | Imitation seafood, pre-cooked, frozen                | 1,017  | 996    | 1,359  | 1,868  | 1,797  | 12.1%  |

| *AAGR = Average Annual Growth Rate                  |  |
|---|--|
| Source of Data: Derived from Statistics Canada data |  |

#### List of Importers

The Seafood Annual, CA0159, pages 38-40 contained a listing of some of the major Canadian importers of edible fish and seafood. In addition, Industry Canada's Importer Database can be a useful tool for locating importers. It is available on line at:

http://strategis.ic.gc.ca/sc\_mrkti/cid/engdoc/index.html

Summary of Regulatory Requirements for U.S. Fish Products in Canada

The following information outlines basic information pertaining to safety, quality, composition, labeling requirements and inspection procedures of imported fish into Canada as administered by the Canadian Food Inspection Agency (CFIA), Fish Inspection Directorate. The authority for the control and inspection of fish is provided under: The Fish Inspection Act and the Fish Inspection Regulations. The CFIA's Fish Inspection Directorate also takes into consideration requirements of other Canadian federal agencies concerned with the inspection of food such as Health Canada.

The Canadian importer of U.S. fish and seafood products must be in possession of a Fish Import Licence. There are three categories of licence: a Fish Importers Licence, a Shared Quality Management Program for Importers Licence (QMPI) and an Enhanced QMPI. A Fish Import Licence costs C\$500 per year. The import licence fee for Shared or Enhanced QMPI is C\$5,000 per year. Shared and Enhanced QMPI importers are required to implement a high level of quality assurance activities.

Importers are required to notify the CFIA, prior to importation of a product or within 48 hours following importation, of the product type and quantity, the name of the producer, the country of origin and the storage location of each product contained in a shipment. Product is not to be moved pending inspection or notification by an inspector concerning the inspection requirements of the products.

For canned products, the import notification must be accompanied by a code list which indicates the processing establishment and the number of containers for each production code. Failure to provide proper written notification for each imported shipment may result in enforcement action by CFIA.

Fees will be charged for imported products based on the declared weight (i.e. the quantity of fish identified in the written notification provided to CFIA) at the time of importation.

When an imported product fails to comply with the Fish Inspection Regulations, the product will be listed on the Fish Inspection Directorate Import Alert List, and all subsequent importations of this product from the same producer will be subject to mandatory inspection until such time as four (4) consecutive importations comply with the Fish Inspection Regulations. The Canadian importer is required to pay the inspection fees, the amount to depend on the test(s) performed, for the inspection of any product by the Fish Inspection Directorate. Importers are invoiced for all inspection fees, on a monthly basis.

For information on the CFIA's activities, regulations and requirements related to the importation of fish and seafood, including the Canadian Shellfish Sanitation Program, Import Inspection and the Quality Management Program, visit CFIA's Fish Inspection Directorate webpage, at: http://www.inspection.gc.ca/english/anima/fispoi/fispoie.shtml

# Section IX. Supply and Distribution and Trade Matrices

# Groundfish

| PSD Table            |             |            |             |         |          |         |
|----------------------|-------------|------------|-------------|---------|----------|---------|
| Country              | Canada      |            |             |         |          |         |
| Commodity            | Groundfish, | Whole/Evis | scerated    |         | (MT)     |         |
|                      | Revised     | 2001       | Preliminary | 2002    | Forecast | 2003    |
|                      | Old         | New        | Old         | New     | Old      | New     |
| Market Year Begin    |             | 01/2001    |             | 01/2002 |          | 01/2003 |
| Beginning Stocks     | 0           | 0          | 0           | 0       | 0        | 0       |
| Total Production     | 70000       | 80000      | 68000       | 72000   | 0        | 75000   |
| Intra-EC Imports     | 0           | 0          | 0           | 0       | 0        | 0       |
| Other Imports        | 29000       | 26979      | 31500       | 28000   | 0        | 30000   |
| TOTAL Imports        | 29000       | 26979      | 31500       | 28000   | 0        | 30000   |
| TOTAL SUPPLY         | 99000       | 106979     | 99500       | 100000  | 0        | 105000  |
| Intra-EC Exports     | 0           | 0          | 0           | 0       | 0        | 0       |
| Other Exports        | 19000       | 19997      | 19500       | 22000   | 0        | 23000   |
| TOTAL Exports        | 19000       | 19997      | 19500       | 22000   | 0        | 23000   |
| Domestic Consumption | 80000       | 86982      | 80000       | 78000   | 0        | 82000   |
| Other Use/Loss       | 0           | 0          | 0           | 0       | 0        | 0       |
| TOTAL Utilization    | 80000       | 86982      | 80000       | 78000   | 0        | 82000   |
| Ending Stocks        | 0           | 0          | 0           | 0       | 0        | 0       |
| TOTAL DISTRIBUTION   | 99000       | 106979     | 99500       | 100000  | 0        | 105000  |

Trade Matrices: Groundfish

| G 1' G 16              | * 1 T          |                 |        |          |          |          |
|------------------------|----------------|-----------------|--------|----------|----------|----------|
| Canadian Groundf       |                |                 |        |          |          |          |
| 1999-2001 Calend       |                |                 |        |          |          |          |
| Jan - July 2001 &      | 2002 Compar    | isons           |        |          |          |          |
| Units: metric tons     |                |                 |        |          |          |          |
|                        |                |                 |        | Jan-July | Jan-July | % change |
|                        | 1999           | 2000            | 2001   | 2001     | 2002     | 02/'01   |
| The World              | 31,600         | 26,873          | 26,979 | 16,828   | 18,525   | 10%      |
| United States          | 8,506          | 11,302          | 11,515 | 7,291    | 8,877    | 22%      |
| Russia                 | 14,963         | 9,412           | 9,780  | 5,843    | 7,001    | 20%      |
| Norway                 | 3,466          | 3,194           | 2,057  | 1,337    | 1,606    | 20%      |
| China                  | 668            | 305             | 1,571  | 1,347    | 300      | -78%     |
| Uruguay                | 1,055          | 1,393           | 1,305  | 653      | 212      | -68%     |
| Poland                 | 45             | 26              | 6      | 6        | 144      | +100%+   |
| Thailand               | 94             | 34              | 132    | 77       | 68       | -12%     |
| Faroe Islands          | 49             | 0               | 108    | 108      | 50       | -54%     |
| Iceland                | 46             | 96              | 108    | 60       | 39       | -35%     |
| Portugal               | 2              | 3               | 1      | 60       | 38       | -36%     |
| New Zealand            | 50             | 0               | 28     | 3        | 30       | +100%+   |
| All Others             | 2,706          | 1,108           | 395    | 47       | 190      | 308%     |
| HS Codes               |                |                 |        |          |          |          |
| 030250                 | Cod, fresh or  | chilled         |        |          |          |          |
| 30262                  | Haddock, fres  | h or chilled    |        |          |          |          |
| 30263                  | Atlantic Pollo | ck, fresh or ch | illed  |          |          |          |
| 0302690010             | Hake, fresh or | rfrozen         |        |          |          |          |
| 030360                 | Cod, frozen    |                 |        |          |          |          |
| 030372 Haddock, frozen |                |                 |        |          |          |          |
| 30373                  |                |                 |        |          |          |          |
| 30378                  | Hake, frozen   |                 |        |          |          |          |
|                        |                |                 |        |          |          |          |
| Source: World Tr       | ade Atlas      |                 |        |          |          |          |

| Canadian Groundfi   | sh Exports       |                 |        |          |          |          |
|---------------------|------------------|-----------------|--------|----------|----------|----------|
| 1999-2001 Calend    | lar Years        |                 |        |          |          |          |
| Jan - July 2001 & 1 | 2002 Compariso   | ons             |        |          |          |          |
| Units: metric tons  |                  |                 |        |          |          |          |
|                     |                  |                 |        | Jan-July | Jan-July | % change |
|                     | 1999             | 2000            | 2001   | 2001     | 2002     | 02/'01   |
|                     |                  |                 |        |          |          |          |
| The World           | 17,785           | 19,505          | 19,997 | 11,046   | 13,187   | 19%      |
| United States       | 15,840           | 18,400          | 18,567 | 10,411   | 9,835    | -6%      |
| Korea, South        | 170              | 48              | 418    | 4        | 2,157    | +100%+   |
| Spain               | 694              | 458             | 313    | 148      | 503      | 240%     |
| China               | 72               | 0               | 19     | 19       | 249      | 1194%    |
| Japan               | 544              | 300             | 374    | 349      | 180      | -49%     |
| Denmark             | 0                | 11              | 0      | 0        | 110      | +100%+   |
| Germany             | 121              | 0               | 11     | 11       | 59       | 447%     |
| United Kingdom      | 144              | 81              | 78     | 19       | 39       | 100%     |
| Russia              | 0                | 0               | 25     | 0        | 24       | +100%+   |
| Jamaica             | 0                | 23              | 0      | 0        | 21       | +100%+   |
| France              | 81               | 42              | 38     | 16       | 11       | -32%     |
| All Others          | 118              | 143             | 154    | 68       | 0        | -100%    |
| HS Codes            |                  |                 |        |          |          |          |
| 03025010            | Cod, Atlantic, f | resh or chilled | d      |          |          |          |
| 03025090            | Cod, nes., fresh | or chilled      |        |          |          |          |
| 03026200            | Haddock, fresh   | or chilled      |        |          |          |          |
| 03026300            | Coalfish, fresh  | or chilled      |        |          |          |          |
| 03026911            | Perch, Ocean, f  | resh or chille  | d      |          |          |          |
| 03026921            | Hake, fresh or o | chilled         |        |          |          |          |
| 03026923            | Cusk, fresh or o | chilled         |        |          |          |          |
| 03036010            | Cod, Atlantic, f | rozen           |        |          |          |          |
| 03036090            | Cod, nes., froze | en              |        |          |          |          |
| 03037200            | Haddock, froze   | en              |        |          |          |          |
| 03037300            | Coalfish, frozer | 1               |        |          |          |          |
| 03037800            | Hake, frozen     |                 |        |          |          |          |
| 03037912            | Cusk & Polloc    | k, frozen       |        |          |          |          |
| 03037915            | Perch, Ocean,    | frozen          |        |          |          |          |

| Source: World Trade Atlas |  |  |
|---------------------------|--|--|
|---------------------------|--|--|

### **Groundfish Filets**

| PSD Table            |             |         |             |         |          |         |
|----------------------|-------------|---------|-------------|---------|----------|---------|
| Country              | Canada      |         |             |         |          |         |
| Commodity            | Groundfish, | Fillets |             |         | (MT)     |         |
|                      | Revised     | 2001    | Preliminary | 2002    | Forecast | 2003    |
|                      | Old         | New     | Old         | New     | Old      | New     |
| Market Year Begin    |             | 01/2001 |             | 01/2002 |          | 01/2003 |
| Beginning Stocks     | 0           | 0       | 0           | 0       | 0        | 0       |
| Total Production     | 19000       | 20000   | 19000       | 19000   | 0        | 19500   |
| Intra-EC Imports     | 0           | 0       | 0           | 0       | 0        | 0       |
| Other Imports        | 12000       | 12603   | 12000       | 12000   | 0        | 13000   |
| TOTAL Imports        | 12000       | 12603   | 12000       | 12000   | 0        | 13000   |
| TOTAL SUPPLY         | 31000       | 32603   | 31000       | 31000   | 0        | 32500   |
| Intra-EC Exports     | 0           | 0       | 0           | 0       | 0        | 0       |
| Other Exports        | 13500       | 14817   | 13000       | 14500   | 0        | 15000   |
| TOTAL Exports        | 13500       | 14817   | 13000       | 14500   | 0        | 15000   |
| Domestic Consumption | 17500       | 17786   | 18000       | 16500   | 0        | 17500   |
| Other Use/Loss       | 0           | 0       | 0           | 0       | 0        | 0       |
| TOTAL Utilization    | 17500       | 17786   | 18000       | 16500   | 0        | 17500   |
| Ending Stocks        | 0           | 0       | 0           | 0       | 0        | 0       |
| TOTAL DISTRIBUTION   | 31000       | 32603   | 31000       | 31000   | 0        | 32500   |

| Canadian Groundfis  | h Filet Imports     |               |        |          |          |          |
|---------------------|---------------------|---------------|--------|----------|----------|----------|
| 1999-2001 Calenda   |                     |               |        |          |          |          |
| Jan - July 2001 & 2 |                     | ons           |        |          |          |          |
| Units: metric tons  |                     |               |        |          |          |          |
|                     |                     | i             |        | Jan-July | Jan-July | % change |
|                     | 1999                | 2000          | 2001   | 2001     | 2002     | 02/'01   |
|                     |                     |               |        |          |          |          |
| The World           | 12,245              | 10,431        | 12,603 | 7,029    | 6,563    | -7%      |
| China               | 3,908               | 4,234         | 6,255  | 3,595    | 3,650    | 2%       |
| United States       | 3,742               | 3,708         | 4,209  | 2,105    | 1,676    | -20%     |
| United Kingdom      | 1,142               | 685           | 578    | 171      | 334      | 95%      |
| New Zealand         | 618                 | 738           | 482    | 415      | 252      | -39%     |
| Norway              | 540                 | 150           | 390    | 215      | 227      | 5%       |
| Korea, South        | 3                   | 24            | 128    | 42       | 111      | 167%     |
| Iceland             | 210                 | 58            | 42     | 36       | 83       | 127%     |
| Faroe Islands       | 427                 | 276           | 180    | 165      | 68       | -59%     |
| Denmark             | 78                  | 0             | 37     | 37       | 47       | 29%      |
| Russia              | 1,324               | 276           | 76     | 76       | 28       | -63%     |
| Thailand            | 1                   | 0             | 42     | 42       | 19       | -54%     |
| All Others          | 251                 | 282           | 184    | 131      | 67       | -49%     |
|                     |                     |               |        |          |          |          |
| HS Code List        |                     |               |        |          |          |          |
| 0304.10.00.11 Cod   | l fillets, fresh or | chilled       |        |          |          |          |
| 0304.10.00.12 Had   | ldock fillets, fres | sh or chilled |        |          |          |          |
| 0304.20.00.30 Cod   | l fillets, frozen   |               |        |          |          |          |
| 0304.20.00.40 Had   | ldock fillets, fro  | zen           |        |          |          |          |
| 0304.20.00.61 Ala   | ska Pollock fille   | ets, frozen   |        |          |          |          |
| 0304.20.00.69 Poll  | ock fillets, froze  | en, nes       |        |          |          |          |
|                     |                     |               |        |          |          |          |
| Source: World Tra   | de Atlas            |               |        |          |          |          |

| Canadian Graundfie                   | h Filot Evports  |  |               |             |          |          |  |  |
|--------------------------------------|------------------|--|---------------|-------------|----------|----------|--|--|
| Canadian Groundfis 1999-2001 Calenda |                  |  |               |             |          |          |  |  |
|                                      | 1                |  |               |             |          |          |  |  |
| Jan - July 2001 & 2                  |                  | ons  |               |             |          |          |  |  |
| Units: metric tons                   |                  |  |               | Jan-July    | Jan-July | % change |  |  |
|                                      | 1000             | 2000   | 2001          |             |          |          |  |  |
|                                      | 1999             | 2000   | 2001          | 2001        | 2002     | 02/'01   |  |  |
| The World                            | 18,136           | 16,508   | 14,817        | 8,188       | 8,223    | 0%       |  |  |
| United States                        | 17,406           | 15,867   | 14,050        | 7,867       | 6,658    | -15%     |  |  |
| China                                | 27               | 0  | 5             | 0           | 383      | +100%    |  |  |
| Japan                                | 72               | 59   | 0             | 0           | 287      | +100%    |  |  |
| Korea, South                         | 0                | 0  | 0             | 0           | 242      | +100%    |  |  |
| United Kingdom                       | 194              | 78   | 175           | 116         | 195      | 67%      |  |  |
| France                               | 0                | 15   | 109           | 42          | 175      | 320%     |  |  |
| Switzerland                          | 96               | 33   | 328           | 101         | 139      | 37%      |  |  |
| Portugal                             | 131              | 40   | 71            | 0           | 101      | +100%    |  |  |
| Barbados                             | 0                | 0  | 2             | 0           | 32       | +100%    |  |  |
| Germany                              | 165              | 281  | 0             | 0           | 13       | +100%    |  |  |
| All Others                           | 46               | 135  | 77            | 62          | (0)      | -100%    |  |  |
|                                      |                  |  |               |             |          |          |  |  |
| HS Codes                             |                  |  |               |             |          |          |  |  |
| 03041021                             | Cod, Atlantic,   | fillets, fresh o   | r chilled     |             |          |          |  |  |
| 03041029                             | Cod, nes., fille | ts, fresh or ch  | illed         |             |          |          |  |  |
| 03041071                             | Haddock fillets  | s, fresh or chil   | lled          |             |          |          |  |  |
| 03042015                             | Cod fillets, fro | zen, in blocks   | s > 4.5  kg   |             |          |          |  |  |
| 03042016                             | Perch, Ocean,    | fillets, frozen  | in blocks >   | 4.5 kg      |          |          |  |  |
| 03042017                             | Haddock fillet   | s, frozen, in b  | locks > 4.5 k | (g          |          |          |  |  |
| 03042018                             | Pollock fillets, | frozen, in blo   | ocks > 4.5 kg |             |          |          |  |  |
| 03042051                             | Cod, Atlantic,   | Cod, Atlantic, fillets, frozen, in blocks 4.5 kg and under |               |             |          |          |  |  |
| 03042059                             | Cod, nes., fille | ets, frozen, in  | blocks 4.5 kg | g and under |          |          |  |  |
| 03042061                             | Perch, Ocean,    | Perch, Ocean, fillets, frozen in blocks 4.5 kg and under   |               |             |          |          |  |  |
| 03042072                             | Cusk & Hake,     | fillets, frozen  | , 4.5 kg and  | under       |          |          |  |  |
| 03042073                             | Pollock fillets, | frozen, 4.5 kg   | g and under   |             |          |          |  |  |
|                                      |                  |  |               |             |          |          |  |  |

|                               | <br> |
|-------------------------------|------|
|                               | 1    |
| Course, World Trade Atlan     | 1    |
| Source: World Trade Atlas     | 1    |
| 5001001 11 0110 11000 1 10100 |      |

### Flatfish

| PSD Table            |              |              |             |         |          |         |
|----------------------|--------------|--------------|-------------|---------|----------|---------|
| Country              | Canada       |              |             |         |          |         |
| Commodity            | Flatfish, Wh | ole/Eviscera | ated        |         | (MT)     |         |
|                      | Revised      | 2001         | Preliminary | 2002    | Forecast | 2003    |
|                      | Old          | New          | Old         | New     | Old      | New     |
| Market Year Begin    |              | 01/2001      |             | 01/2002 |          | 01/2003 |
| Beginning Stocks     | 0            | 0            | 0           | 0       | 0        | 0       |
| Total Production     | 17000        | 17000        | 16500       | 17500   | 0        | 18000   |
| Intra-EC Imports     | 0            | 0            | 0           | 0       | 0        | 0       |
| Other Imports        | 11500        | 11036        | 12000       | 12500   | 0        | 12750   |
| TOTAL Imports        | 11500        | 11036        | 12000       | 12500   | 0        | 12750   |
| TOTAL SUPPLY         | 28500        | 28036        | 28500       | 30000   | 0        | 30750   |
| Intra-EC Exports     | 0            | 0            | 0           | 0       | 0        | 0       |
| Other Exports        | 15800        | 17151        | 16000       | 18500   | 0        | 19000   |
| TOTAL Exports        | 15800        | 17151        | 16000       | 18500   | 0        | 19000   |
| Domestic Consumption | 12700        | 10885        | 12500       | 11500   | 0        | 11750   |
| Other Use/Loss       | 0            | 0            | 0           | 0       | 0        | 0       |
| TOTAL Utilization    | 12700        | 10885        | 12500       | 11500   | 0        | 11750   |
| Ending Stocks        | 0            | 0            | 0           | 0       | 0        | 0       |
| TOTAL DISTRIBUTION   | 28500        | 28036        | 28500       | 30000   | 0        | 30750   |

Trade Matrices: Flatfish

| Canadian Flatfish Im     | ports            |        |        |          |          |          |
|--------------------------|------------------|--------|--------|----------|----------|----------|
| 1999-2001 Calendar       | r Years          |        |        |          |          |          |
| Jan - July 2001 & 20     | 002 Compariso    | ons    |        |          |          |          |
| Units: metric tons       |                  |        |        |          |          |          |
|                          |                  |        |        | Jan-July | Jan-July | % change |
|                          | 1999             | 2000   | 2001   | 2001     | 2002     | 02/'01   |
|                          |                  |        |        |          |          |          |
| The World                | 9,452            | 10,171 | 11,036 | 6,596    | 8,104    | 23%      |
| United States            | 8,354            | 7,439  | 9,172  | 5,288    | 6,881    | 30%      |
| Russia                   | 97               | 624    | 319    | 294      | 325      | 11%      |
| Estonia                  | 0                | 61     | 335    | 318      | 235      | -26%     |
| China                    | 146              | 152    | 232    | 183      | 106      | -42%     |
| Greece                   | 0                | 1      | 29     | 24       | 23       | -5%      |
| Greenland                | 29               | 609    | 24     | 21       | 22       | 2%       |
| Japan                    | 414              | 589    | 115    | 113      | 0        | -100%    |
| Lithuania                | 0                | 10     | 478    | 109      | 0        | -100%    |
| Latvia                   | 0                | 18     | 123    | 123      | 0        | -100%    |
| All Others               | 411              | 668    | 210    | 124      | 512      | 313%     |
| HS Codes                 |                  |        |        |          |          |          |
| 030221; Halibut fresh    | n or chilled     |        |        |          |          |          |
| 030222; Plaice, fresh    | or chilled       |        |        |          |          |          |
| 030223; Sole, fresh o    | or chilled       |        |        |          |          |          |
| 030229; Flatfish, nes    | ., fresh or chil | led    |        |          |          |          |
| 030331; Halibut, froz    | zen              |        |        |          |          |          |
| 030332; Plaice, froze    | en               |        |        |          |          |          |
| 030333; Sole, frozer     | 1                |        |        |          |          |          |
| 030339; Flatfish, frozen |                  |        |        |          |          |          |
|                          |                  |        |        |          |          |          |
| Source: World Trad       | e Atlas          |        |        |          |          |          |

| Canadian Flatfish        | Exports           |                |        |          |          |          |
|--------------------------|-------------------|----------------|--------|----------|----------|----------|
| 1999-2001 Caler          | ndar Years        |                |        |          |          |          |
| Jan - July 2001 &        | z 2002 Compai     | risons         |        |          |          |          |
| Units: metric tons       |                   |                |        |          |          |          |
|                          |                   |                |        | Jan-July | Jan-July | % change |
|                          | 1999              | 2000           | 2001   | 2001     | 2002     | 02/'01   |
|                          |                   |                |        |          |          |          |
| The World                | 16,820            | 15,620         | 17,151 | 8,672    | 11,148   | 29%      |
| United States            | 13,611            | 11,272         | 12,270 | 5,922    | 9,220    | 56%      |
| China                    | 10                | 131            | 550    | 157      | 690      | 340%     |
| Japan                    | 744               | 1,128          | 1,508  | 1,299    | 642      | -51%     |
| Taiwan                   | 1,543             | 1,914          | 1,727  | 660      | 342      | -48%     |
| United Kingdom           | 267               | 199            | 183    | 110      | 69       | -38%     |
| Germany                  | 89                | 58             | 309    | 103      | 64       | -38%     |
| Hong Kong                | 7                 | 168            | 46     | 4        | 54       | 1347%    |
| Switzerland              | 2                 | 0              | 54     | 37       | 45       | 21%      |
| France                   | 84                | 93             | 115    | 94       | 21       | -78%     |
| Portugal                 | 0                 | 0              | 26     | 26       | 3        | -89%     |
| All Others               | 463               | 657            | 363    | 261      | (0)      | -100%    |
| HS Codes                 |                   |                |        |          |          |          |
| 03022110; Atlant         | ic Halibut, fresh | h or chilled   |        |          |          |          |
| 03022120; Pacific        | Halibut, fresh    | or chilled     |        |          |          |          |
| 03022130; Green          | land Halibut, fi  | esh or chilled | [      |          |          |          |
| 03022200; Plaice         | , fresh or chille | ed             |        |          |          |          |
| 03022300; Sole, t        | fresh or chilled  |                |        |          |          |          |
| 03022910; Flound         | der, fresh or ch  | illed          |        |          |          |          |
| 03022990; Flatfis        | h, nes, fresh or  | chilled        |        |          |          |          |
| 03033110; Atlant         | ic Halibut, froz  | en             |        |          |          |          |
| 03033120; Pacific        | c Halibut, froze  | en             |        |          |          |          |
| 03033130; Green          | land Halibut, f   | rozen          |        |          |          |          |
| 03033220; Plaice, frozen |                   |                |        |          |          |          |
| 03033900; Flatfis        | sh nes, frozen    |                |        |          |          |          |
| Source: World T          | rade Atlas        |                |        |          |          |          |

# Urchin Roe, Caviar, Liver

| PSD Table            |              |                             |        |         |      |         |
|----------------------|--------------|-----------------------------|--------|---------|------|---------|
| Country              | Canada       |                             |        |         |      |         |
| Commodity            | Fish, Urchin | Roe/Caviar,                 | Livers |         | (MT) |         |
|                      | Revised      | vised 2001 Preliminary 2002 |        |         |      | 2003    |
|                      | Old          | New                         | Old    | New     | Old  | New     |
| Market Year Begin    |              | 01/2001                     |        | 01/2002 |      | 01/2003 |
| Beginning Stocks     | 0            | 0                           | 0      | 0       | 0    | 0       |
| Total Production     | 9500         | 10000                       | 9000   | 7000    | 0    | 7000    |
| Intra-EC Imports     | 0            | 0                           | 0      | 0       | 0    | 0       |
| Other Imports        | 2000         | 2273                        | 2000   | 2300    | 0    | 2500    |
| TOTAL Imports        | 2000         | 2273                        | 2000   | 2300    | 0    | 2500    |
| TOTAL SUPPLY         | 11500        | 12273                       | 11000  | 9300    | 0    | 9500    |
| Intra-EC Exports     | 0            | 0                           | 0      | 0       | 0    | 0       |
| Other Exports        | 10100        | 9831                        | 9650   | 8000    | 0    | 7000    |
| TOTAL Exports        | 10100        | 9831                        | 9650   | 8000    | 0    | 7000    |
| Domestic Consumption | 1400         | 2442                        | 1350   | 1300    | 0    | 2500    |
| Other Use/Loss       | 0            | 0                           | 0      | 0       | 0    | 0       |
| TOTAL Utilization    | 1400         | 2442                        | 1350   | 1300    | 0    | 2500    |
| Ending Stocks        | 0            | 0                           | 0      | 0       | 0    | 0       |
| TOTAL DISTRIBUTION   | 11500        | 12273                       | 11000  | 9300    | 0    | 9500    |

Trade Matrices: Roe

| 1999-2001 Calend    | ar Years          |              |                 |          |          |          |
|---------------------|-------------------|--------------|-----------------|----------|----------|----------|
| Jan - July 2001 & 2 | 2002 Comparis     | ons          |                 |          |          |          |
| Units: metric tons  |                   |              |                 |          |          |          |
|                     |                   |              |                 | Jan-July | Jan-July | % change |
|                     | 1999              | 2000         | 2001            | 2001     | 2002     | 02/'01   |
| The World           | 1,058             | 1,418        | 2,273           | 1,803    | 1,897    | 5%       |
| United States       | 999               | 1,314        | 2,195           | 1,754    | 1,806    | 3%       |
| New Zealand         | 1                 | 0            | 4               | 3        | 30       | 1055%    |
| China               | 0                 | 0            | 0               | 0        | 26       | +100%    |
| Japan               | 23                | 46           | 56              | 39       | 18       | -53%     |
| Norway              | 0                 | 0            | 0               | 0        | 7        | +100%    |
| Russia              | 4                 | 12           | 3               | 1        | 2        | 186%     |
| Spain               | 1                 | 2            | 1               | 0        | 1        | 192%     |
| Germany             | 2                 | 2            | 1               | 1        | 1        | -24%     |
| All others          | 25                | 42           | 12              | 6        | 6        | 6%       |
| HS Codes            |                   |              |                 |          |          |          |
| 30270; Livers and 1 | oes, fresh or ch  | illed        |                 |          |          |          |
| 30280; Livers and 1 | roes, frozen      |              |                 |          |          |          |
| 30250; Livers and 1 | roes, dried, smo  | ked, salted  | or in brine     |          |          |          |
| 160430; Caviar and  | l caviar substitu | tes prepared | l from fish egg | gs       |          |          |
|                     |                   |              |                 |          |          |          |

| Canada: Roe, Cavia                                      | r. Liver Expor   | ts              |                |               |          |          |
|---|------------------|-----------------|----------------|---------------|----------|----------|
| 1999-2001   |                  |                 |                |               |          |          |
| Calendar Years  |                  |                 |                |               |          |          |
| Jan - July 2001 &                                       |                  |                 |                |               |          |          |
| 2002 Comparisons  |                  |                 |                |               |          |          |
| Units: metric tons                                      |                  |                 |                |               |          |          |
|   |                  |                 |                | Jan-July      | Jan-July | % change |
|   | 1999             | 2000            | 2001           | 2001          | 2002     | 02/'01   |
|   |                  |                 |                |               |          |          |
| The World   | 10,033           | 10,580          | 9,831          | 9,831         | 4,790    | -51%     |
| Japan   | 7,212            | 8,051           | 8,126          | 8,126         | 4,092    | -50%     |
| China   | 422              | 513             | 382            | 382           | 418      | 10%      |
| United States   | 310              | 211             | 203            | 79            | 158      | 101%     |
| United Kingdom  | 235              | 171             | 293            | 19            | 40       | 111%     |
| Thailand  | 0 0 10           |                 |                |               | 35       | 255%     |
| Sweden  | n 591 117 146 54 |                 |                |               | 28       | -48%     |
| Germany   | 553              | 865             | 385            | 99            | 7        | -93%     |
| Finland   | 49               | 42              | 49             | 30            | 4        | -87%     |
| Korea, South  | 21               | 0               | 35             | 33            | 3        | -91%     |
| Belgium   | 21               | 0               | 35             | 0             | 2        | +100%    |
| All Others  | 0                | 0               | 0              | 0             | 0        | -        |
| HS Codes  |                  |                 |                |               |          |          |
| 030270 Livers and r                                     | oes, fresh or cl | hilled          |                |               |          |          |
| 03038020 Herr   | ing roe, frozen  |                 |                |               |          |          |
| 03038030 Salm   | non roe, frozen  |                 |                |               |          |          |
| 03038090 Fish   | livers and roes  | s, nes., frozen |                |               |          |          |
| 03052020 Herr   | ing roe, dried,  | smoked, salte   | ed or in brine |               |          |          |
| 03052030 Salm   | non roe, dried,  | smoked, salte   | ed or in brine |               |          |          |
| 03052090 Fish   | livers and roes  | s, nes., dried, | smoked, salte  | d or in brine |          |          |
| 160430 Caviar and                                       | caviar substitut | es prepared fi  | rom fish eggs  |               |          |          |
| 03038090 Fish   | livers and roes  | s, nes., frozen |                |               |          |          |
| 03052020 Herring roe, dried, smoked, salted or in brine |                  |                 |                |               |          |          |
| 03052030 Salm   | non roe, dried,  | smoked, salte   | ed or in brine |               |          |          |
| 03052090 Fish   | livers and roes  | s, nes., dried, | smoked, salte  | d or in brine |          |          |

| 160430              | $\alpha$ · 1 | •      | 1            | 1        | C    | C* 1       |
|---------------------|--------------|--------|--------------|----------|------|------------|
| 160/130             | L'aviar and  | Caviar | CIIDCHITITAC | nrenared | trom | tich Acce  |
| 100 <del>1</del> 20 | Caviar and   | Caviai | substitutes  | DICDAICU | пош  | 11311 6223 |
|                     |              |        |              |          |      |            |

Source: World Trade Atlas

Salmon

| PSD Table            |            |              |             |         |          |         |
|----------------------|------------|--------------|-------------|---------|----------|---------|
| Country              | Canada     |              |             |         |          |         |
| Commodity            | Salmon, Wh | nole/Eviscer | ated        |         | (MT)     |         |
|                      | Revised    | 2001         | Preliminary | 2002    | Forecast | 2003    |
|                      | Old        | New          | Old         | New     | Old      | New     |
| Market Year Begin    |            | 01/2001      |             | 01/2002 |          | 01/2003 |
| Beginning Stocks     | 0          | 0            | 0           | 0       | 0        | 0       |
| Total Production     | 56000      | 58000        | 60000       | 65000   | 0        | 70000   |
| Intra-EC Imports     | 0          | 0            | 0           | 0       | 0        | 0       |
| Other Imports        | 24000      | 22552        | 25000       | 20000   | 0        | 22000   |
| TOTAL Imports        | 24000      | 22552        | 25000       | 20000   | 0        | 22000   |
| TOTAL SUPPLY         | 80000      | 80552        | 85000       | 85000   | 0        | 92000   |
| Intra-EC Exports     | 0          | 0            | 0           | 0       | 0        | 0       |
| Other Exports        | 60000      | 63222        | 65000       | 70000   | 0        | 75000   |
| TOTAL Exports        | 60000      | 63222        | 65000       | 70000   | 0        | 75000   |
| Domestic Consumption | 20000      | 17330        | 20000       | 15000   | 0        | 17000   |
| Other Use/Loss       | 0          | 0            | 0           | 0       | 0        | 0       |
| TOTAL Utilization    | 20000      | 17330        | 20000       | 15000   | 0        | 17000   |
| Ending Stocks        | 0          | 0            | 0           | 0       | 0        | 0       |
| TOTAL DISTRIBUTION   | 80000      | 80552        | 85000       | 85000   | 0        | 92000   |

Trade Matrices: Salmon

| Canada: Imports of S  | almon, Whole    | e or Eviscerat   | ed. fresh or fr  | ozen     |          |          |
|-----------------------|-----------------|------------------|------------------|----------|----------|----------|
| 1999-2001 Calendar    | · · ·           |                  | ,                |          |          |          |
| Jan - July 2001 & 200 |                 | ns               |                  |          |          |          |
| Units: metric tons    |                 |                  |                  |          |          |          |
|                       |                 |                  |                  | Jan-July | Jan-July | % change |
|                       | 1999            | 2000             | 2001             | 2001     | 2002     | 02/'01   |
| The World             | 28,225          | 31,334           | 22,552           | 11,764   | 8,464    | -28.1%   |
| United States         | 25,619          | 29,278           | 20,443           | 10,387   | 7,417    | -28.6%   |
| Chile                 | 318             | 914              | 1,002            | 728      | 464      | -36.2%   |
| Philippines           | 1               | 32               | 185              | 54       | 144      | 163.9%   |
| Cuba                  | 26              | 61               | 54               | 40       | 85       | 112.5%   |
| Sri Lanka             | 0               | 0                | 90               | 50       | 58       | 15.0%    |
| South Africa          | 0               | 0                | 0                | 0        | 53       | 100.0%   |
| Mexico                | 101             | 78               | 90               | 59       | 45       | -24.1%   |
| Trinidad & Tobago     | 12              | 24               | 14               | 8        | 33       | 322.4%   |
| Tunisia               | 0               | 0                | 0                | 0        | 15       | 100.0%   |
| Turkey                | 0               | 37               | 76               | 21       | 5        | -77.0%   |
| Norway                | 1,338           | 261              | 71               | 32       | 0        | -100.0%  |
| All Others            | 811             | 649              | 526              | 384      | 146      | -62.0%   |
| HS Codes              |                 |                  |                  |          |          |          |
| 302.12                | Pacific, Atlan  | tic,& Danube     | , fresh or chill | led      |          |          |
| 302.19                | Salmonidae, r   | nes., fresh or o | chilled          |          |          |          |
| 303.10                | Pacific, frozer | n                |                  |          |          |          |
| 303.11                | Sockeye         |                  |                  |          |          |          |
| 303.19                | Pacific, nes    |                  |                  |          |          |          |
| 303.22                | Atlantic, froze | en               |                  |          |          |          |
| 303.29                | Salmonidae, 1   | nes., frozen     |                  |          |          |          |
| Source: World Trade   | Atlas           |                  |                  |          |          |          |

| Canada: Exports of    | Salmon, Who      | ole or Eviscera | ated, fresh or t | frozen   |          |          |
|-----------------------|------------------|-----------------|------------------|----------|----------|----------|
| 1999-2001 Calenda     | ar Years         |                 |                  |          |          |          |
| Jan - July 2001 & 2   | 002 Comparis     | sons            |                  |          |          |          |
| Units: metric tons    |                  |                 |                  |          |          |          |
|                       |                  |                 |                  | Jan-July | Jan-July | % change |
|                       | 1999             | 2000            | 2001             | 2001     | 2002     | 02/'01   |
|                       |                  |                 |                  |          |          |          |
| The World             | 56,347           | 54,857          | 63,222           | 36,684   | 41,485   | 13%      |
| United States         | 49,967           | 48,325          | 56,025           | 32,522   | 40,260   | 24%      |
| Japan                 | 3,241            | 3,196           | 3,699            | 2,125    | 647      | -70%     |
| Taiwan                | 1,281            | 952             | 1,772            | 1,358    | 334      | -75%     |
| China                 | 397              | 440             | 400              | 119      | 92       | -22%     |
| Hong Kong             | 35               | 167             | 188              | 150      | 65       | -57%     |
| Lithuania             | 0                | 0               | 52               | 52       | 34       | -35%     |
| Russia                | 44               | 0               | 0                | 0        | 23       | +100%    |
| Haiti                 | 0                | 3               | 0                | 0        | 23       | +100%    |
| Belgium               | 104              | 252             | 2                | 2        | 2        | 7%       |
| Sweden                | 174              | 85              | 6                | 6        | 2        | -57%     |
| Korea, South          | 10               | 6               | 52               | 5        | 1        | -76%     |
| All Others            | 0                | 0               | 0                | 0        | 0        | -        |
|                       |                  |                 |                  |          |          |          |
| 0302.12 Pacific, Atl  | lantic,& Danul   | oe, fresh or ch | illed            |          |          |          |
| 0302.19 Salmonidae    | e, nes., fresh o | r chilled       |                  |          |          |          |
| 0303.1 Pacific, fro   | zen              |                 |                  |          |          |          |
| 0303.22 Atlantic, fro | ozen             |                 |                  |          |          |          |
| 0303.29 Salmonida     | e, nes., frozen  |                 |                  |          |          |          |
|                       |                  |                 |                  |          |          |          |
| Source: World Trac    | de Atlas         |                 |                  |          |          |          |

### Canned Salmon

| PSD Table            |            |         |             |         |          |         |
|----------------------|------------|---------|-------------|---------|----------|---------|
| Country              | Canada     |         |             |         |          |         |
| Commodity            | Salmon, Ca | nned    |             |         | (MT)     |         |
|                      | Revised    | 2001    | Preliminary | 2002    | Forecast | 2003    |
|                      | Old        | New     | Old         | New     | Old      | New     |
| Market Year Begin    |            | 01/2001 |             | 01/2002 |          | 01/2003 |
| Beginning Stocks     | 0          | 0       | 0           | 0       | 0        | 0       |
| Total Production     | 21000      | 14050   | 22000       | 15000   | 0        | 16000   |
| Intra-EC Imports     | 0          | 0       | 0           | 0       | 0        | 0       |
| Other Imports        | 11500      | 16864   | 11000       | 18000   | 0        | 19000   |
| TOTAL Imports        | 11500      | 16864   | 11000       | 18000   | 0        | 19000   |
| TOTAL SUPPLY         | 32500      | 30914   | 33000       | 33000   | 0        | 35000   |
| Intra-EC Exports     | 0          | 0       | 0           | 0       | 0        | 0       |
| Other Exports        | 9000       | 9956    | 9000        | 10000   | 0        | 11000   |
| TOTAL Exports        | 9000       | 9956    | 9000        | 10000   | 0        | 11000   |
| Domestic Consumption | 23500      | 20958   | 24000       | 23000   | 0        | 24000   |
| Other Use/Loss       | 0          | 0       | 0           | 0       | 0        | 0       |
| TOTAL Utilization    | 23500      | 20958   | 24000       | 23000   | 0        | 24000   |
| Ending Stocks        | 0          | 0       | 0           | 0       | 0        | 0       |
| TOTAL DISTRIBUTION   | 32500      | 30914   | 33000       | 33000   | 0        | 35000   |

# Canned Salmon Production

| Canned Salm  | on Production in | 48 lb. Ca | ases               |                |      |                    |
|--------------|------------------|-----------|--------------------|----------------|------|--------------------|
|              |                  |           |                    |                |      |                    |
|              |                  | 2000      |                    |                | 2001 |                    |
|              | from B.C. fish   |           | from imported fish | from B.C. fish |      | from imported fish |
| Sockeye      | 211,282          |           | 160,081            | 132,027        |      | 12,786             |
| Pink         | 209,574          |           | 133,496            | 269,857        |      | 218,321            |
| Coho         | 0                |           | 4,200              | 0              |      | 4,911              |
| Chum         | 15,428           |           | 6,996              | 4,374          |      | 3,829              |
| Chinook      | 0                |           | 0                  | 149            |      | 0                  |
| Totals       | 436,284          |           | 304,773            | 406,407        |      | 239,847            |
| Source: B.C. | Salmon Marketi   | ng Counc  | il                 |                |      |                    |

| Canada: Imports of   | Canned Salmo  | on     |        |          |          |          |
|----------------------|---------------|--------|--------|----------|----------|----------|
| 1999-2001 Calendar   | r Years       |        |        |          |          |          |
| Jan - July 2001 & 20 | 002 Compariso | ons    |        |          |          |          |
| Units: metric tons   |               |        |        |          |          |          |
| HS 1604.11           |               |        |        | Jan-July | Jan-July | % change |
|                      | 1999          | 2000   | 2001   | 2001     | 2002     | 02/'01   |
|                      |               |        |        |          |          |          |
| The World            | 14,182        | 12,429 | 16,864 | 5,092    | 6,080    | 19%      |
| United States        | 13,320        | 11,548 | 15,208 | 4,413    | 5,076    | 15%      |
| Thailand             | 141           | 240    | 284    | 31       | 447      | 1347%    |
| China                | 0             | 12     | 199    | 106      | 179      | 69%      |
| Chile                | 15            | 11     | 611    | 82       | 147      | 79%      |
| Malaysia             | 0             | 0      | 0      | 0        | 108      | +100%    |
| Korea, South         | 687           | 598    | 473    | 429      | 86       | -80%     |
| Denmark              | 0             | 2      | 52     | 4        | 22       | 461%     |
| Norway               | 2             | 0      | 0      | 0        | 5        | +100%    |
| United Kingdom       | 14            | 4      | 6      | 3        | 5        | 55%      |
| France               | 2             | 2      | 3      | 1        | 3        | 271%     |
| All Others           | 1             | 12     | 27     | 24       | 4        | -83%     |
|                      |               |        |        |          |          |          |
| Source: World Trade  | e Atlas       |        |        |          |          |          |

| Canada: Exports of Canned Salmon |       |       |       |          |          |          |
|----------------------------------|-------|-------|-------|----------|----------|----------|
| 1999-2001 Calenda                |       |       |       |          |          |          |
| Jan - July 2001 & 2              |       |       |       |          |          |          |
| Units: metric tons               |       |       |       |          |          |          |
| HS 1604.11                       |       |       |       | Jan-July | Jan-July | % change |
|                                  | 1999  | 2000  | 2001  | 2001     | 2002     | 02/'01   |
|                                  |       |       |       |          |          |          |
| The World                        | 8,556 | 9,377 | 9,956 | 4,700    | 3,926    | -16%     |
| United Kingdom                   | 4,010 | 4,434 | 4,454 | 1,828    | 1,474    | -19%     |
| Australia                        | 1,372 | 1,098 | 1,455 | 698      | 666      | -5%      |
| Belgium                          | 349   | 540   | 883   | 574      | 627      | 9%       |
| New Zealand                      | 901   | 1,141 | 1,060 | 490      | 567      | 16%      |
| Ireland                          | 115   | 155   | 158   | 116      | 150      | 29%      |
| Netherlands                      | 339   | 137   | 258   | 112      | 139      | 24%      |
| Italy                            | 313   | 201   | 177   | 91       | 92       | 1%       |
| United States                    | 513   | 1,377 | 1,227 | 621      | 82       | -87%     |
| France                           | 115   | 74    | 8     | 0        | 37       | +100%    |
| China                            | 0     | 0     | 0     | 0        | 18       | +100%    |
| Barbados                         | 7     | 8     | 2     | 1        | 15       | 996%     |
| All Others                       | 522   | 211   | 274   | 168      | 59       | -65%     |
| Source: World Trade Atlas        |       |       |       |          |          |          |

### Lobster

| PSD Table            |         |         |             |         |          |         |
|----------------------|---------|---------|-------------|---------|----------|---------|
| Country              | Canada  |         |             |         |          |         |
| Commodity            | Lobster |         |             |         | (MT)     |         |
|                      | Revised | 2001    | Preliminary | 2002    | Forecast | 2003    |
|                      | Old     | New     | Old         | New     | Old      | New     |
| Market Year Begin    |         | 01/2001 |             | 01/2002 |          | 01/2003 |
| Beginning Stocks     | 0       | 0       | 0           | 0       | 0        | 0       |
| Total Production     | 38000   | 38000   | 40000       | 42000   | 0        | 45000   |
| Intra-EC Imports     | 0       | 0       | 0           | 0       | 0        | 0       |
| Other Imports        | 16000   | 16927   | 16000       | 17000   | 0        | 17500   |
| TOTAL Imports        | 16000   | 16927   | 16000       | 17000   | 0        | 17500   |
| TOTAL SUPPLY         | 54000   | 54927   | 56000       | 59000   | 0        | 62500   |
| Intra-EC Exports     | 0       | 0       | 0           | 0       | 0        | 0       |
| Other Exports        | 40000   | 40519   | 41000       | 43000   | 0        | 45000   |
| TOTAL Exports        | 40000   | 40519   | 41000       | 43000   | 0        | 45000   |
| Domestic Consumption | 14000   | 14408   | 15000       | 16000   | 0        | 17500   |
| Other Use/Loss       | 0       | 0       | 0           | 0       | 0        | 0       |
| TOTAL Utilization    | 14000   | 14408   | 15000       | 16000   | 0        | 17500   |
| Ending Stocks        | 0       | 0       | 0           | 0       | 0        | 0       |
| TOTAL DISTRIBUTION   | 54000   | 54927   | 56000       | 59000   | 0        | 62500   |

Trade Matrices: Lobster

| Canada: Imports                           | s of Lobster, | Whole or Evis | scerated, fresh | or frozen |          |          |
|---|---------------|---------------|-----------------|-----------|----------|----------|
| 1999-2001 Cale                            | ndar Years    |               |                 |           |          |          |
| Jan - July 2001 &                         | & 2002 Com    | parisons      |                 |           |          |          |
| Units: metric tons                        |               |               |                 |           |          |          |
|   |               |               |                 | Jan-July  | Jan-July | % change |
|   | 1999          | 2000          | 2001            | 2001      | 2002     | 02/'01   |
|   |               |               |                 |           |          |          |
| The World -                               | 16,107        | 18,067        | 16,927          | 1,926     | 3,807    | 98%      |
| United States                             | 15,289        | 17,133        | 16,217          | 1,542     | 3,273    | 112%     |
| Cuba                                      | 240           | 324           | 303             | 134       | 301      | 125%     |
| Bahamas                                   | 181           | 247           | 182             | 122       | 95       | -22%     |
| Haiti                                     | 20            | 12            | 68              | 33        | 52       | 54%      |
| India                                     | 91            | 119           | 29              | 25        | 25       | 2%       |
| Mexico                                    | 3             | 18            | 22              | 17        | 1        | -91%     |
| Nicaragua                                 | 5             | 22            | 18              | 15        | 9        | -35%     |
| Peru                                      | 4             | 0             | 15              | 0         | 1        | +100%    |
| Iceland                                   | 12            | 14            | 9               | 3         | 4        | 28%      |
| Belize                                    | 1             | 4             | 9               | 3         | 0        | -100%    |
| United Arab<br>Emirates                   | 12            | 8             | 7               | 5         | 14       | 159%     |
| China                                     | 6             | 3             | 5               | 4         | 3        | -23%     |
| Honduras                                  | 24            | 4             | 4               | 2         | 16       | 706%     |
| All Others                                | 220           | 162           | 38              | 22        | 11       | -51%     |
| HS codes                                  |               |               |                 |           |          |          |
| 030611 Rock Lobster, frozen               |               |               |                 |           |          |          |
| 030612 Lobster, nes, frozen, in shell     |               |               |                 |           |          |          |
| 030621 Rock Lobster, not frozen           |               |               |                 |           |          |          |
| 030622 Lobster, nes, not frozen, in shell |               |               |                 |           |          |          |
| Source: World Trade Atlas                 |               |               |                 |           |          |          |

| Canada: Exports of       | of Lobster, Who | ole or Evisce | rated, fresh or | frozen   |          |          |
|--------------------------|-----------------|---------------|-----------------|----------|----------|----------|
| 1999-2001 Calendar Years |                 |               |                 |          |          |          |
| Jan - July 2001 &        | 2002 Comparis   | sons          |                 |          |          |          |
| Units: metric tons       |                 |               |                 |          |          |          |
|                          |                 |               |                 | Jan-July | Jan-July | % change |
|                          | 1999            | 2000          | 2001            | 2001     | 2002     | 02/'01   |
|                          |                 |               |                 |          |          |          |
| The World                | 35,995          | 38,031        | 40,519          | 24,264   | 26,142   | 8%       |
| United States            | 23,742          | 28,292        | 30,129          | 18,034   | 19,774   | 10%      |
| Belgium                  | 2,388           | 2,423         | 1,863           | 1,189    | 1,432    | 20%      |
| France                   | 2,580           | 1,719         | 1,966           | 1,096    | 1,242    | 13%      |
| Japan                    | 1,700           | 1,444         | 1,472           | 1,041    | 1,190    | 14%      |
| United Kingdom           | 1,035           | 1,023         | 1,032           | 546      | 519      | -5%      |
| Germany                  | 759             | 451           | 642             | 304      | 388      | 28%      |
| Italy                    | 437             | 552           | 791             | 540      | 368      | -32%     |
| Korea, South             | 188             | 289           | 472             | 221      | 366      | 65%      |
| Hong Kong                | 478             | 370           | 414             | 257      | 224      | -13%     |
| Norway                   | 261             | 285           | 233             | 150      | 126      | -16%     |
| Sweden                   | 1,063           | 267           | 330             | 148      | 113      | -23%     |
| All Others               | 1,364           | 914           | 1,176           | 737      | 400      | -46%     |
|                          |                 |               |                 |          |          |          |
| HS codes                 |                 |               |                 |          |          |          |
| 030611 Rock Lob          |                 |               |                 |          |          |          |
| 030612 Lobster, n        |                 |               |                 |          |          |          |
| 030621 Rock Lob          |                 |               |                 |          |          |          |
| 030622 Lobster, 1        |                 |               |                 |          |          |          |
| Source: World Tra        | ade Atlas       |               |                 |          |          |          |

Exchange Rates: Where prices and values in this report are expressed in Canadian dollars, the exchange rates are: 1999, C\$=US\$.6730; 2000, C\$=US\$.6733; 2001, C\$=US\$.6458; mid-October 2002, approximately US\$ .6275.

**VISIT OUR WEBSITE:** The FAS/Ottawa website is now accessible through the U.S. Embassy homepage. To view the website, log onto www.usembassycanada.gov; click on Embassy Ottawa offices, then Foreign Agricultural Service. The FAS/Ottawa office can be reached via e-mail at: info@usda-canada.com.